

Sheet 5

New Sheet

Table 1 Classification Tree SQL Table

Child	Parent	Commodity Code	Description	Branch/Leaf
Capacitor_16	Root_15	C_20	All capacitors	branch
Resistor_18	Root_15	R_24	All resistors	branch
Ceramic_17	Capacitor_16	Cc_21	Ceramic caps	branch
Chip_19	Ceramic_17	CcC_23	SMT caps	leaf

Table 2. Parameter SQL Table

Parameter ID	Link	Commodity Code	Parameter	Length	Character
1	START	CcC_23	Body Size_25	4	CcC_23
2	1	CcC_23	Standard code_26	1	
3	2	CcC_23	Capacitance_27	3	
4	3	CcC_23	Tolerance_28	1	
5	4	CcC_23	Voltage_29	1	
6	5	CcC_23	Temperature_30	1	
7	6	CcC_23	Failure rate_31	1	
8	null	CcC_23	End Metal_32	1	

Table 4 Item Catalog

Item ID	Supplier	Supplier P/N	Descriptor	Commodity Code
1	Kemet	C0805C103K5RAC	CcC0805C103K5RAC	CcC_23
2	AllCaps	AC0805K103AWQ	CcC0805C103K5RAC	CcC_23
3	Caps.com	CC534GRW0805X	CcC0805C103K5RAC	CcC_23

Sheet 6

New Sheet

Table 5 Supplier P/N Alias Table

Supplier	Item ID	Supplier P/N Alias
Kemet	1	C0805C103K5RAC
Kemet	1	C0805C103K5RACTU
AllCaps	2	AC0805K103AWQ
AllCaps	2	AC0805K103AWQT
Caps.com	3	CC534GRW0805X

Table 6 Supplier Suffix Table

Supplier	Package	Carrier	Count	Suffix
Kemet	0805	7" Plastic Tape	4000	TU
Kemet	0805	Bulk	10000	9028
Kemet	0805	13" Plastic Tape	10000	7210
Kemet	0805	7" Paper Tape	4000	7867